BS-A101
Quick Start Guide



BS-A101

- HOW TO INSTALL BS-A101
- HOW TO USE BLUETOOTH LAN ACCESS FUNCTION
  (POCKET PC 2000 USERS ONLY)
- HOW TO USE BLUETOOTH CTP GATEWAY FUNCTION
- HOW TO USE BLUETOOTH HEADSET AUDIO GATEWAY FUNCTION

CLIPCOMM | **Clipcomm, Inc.**
http://www.clipcomm.co.kr

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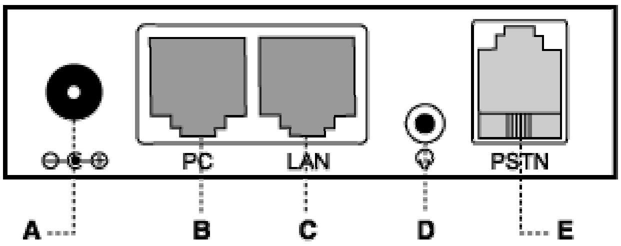
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Chapter1. How to Install BS-A101

BS-A101 has VoIP Phone / Bluetooth LAP / Bluetooth CTP Gateway / Bluetooth Headset Audio Gateway functions. This quick start guide explains how to install BS-A101 and how to use each functions of the BS-A101 with PocketPC program. In this guide, it is assumed that the BS-A101 is in its factory-reset state.

1.1. BS-A101 Installation

Check the location of each port and do the following steps to install your BS-A101 correctly For more details about BS-A101 installation, please refer to CP-101B user manual in the BS-A101 package



① Connect the network cable to 'LAN' port at the rear panel (port 'C' in below figure).

② Connect the PSTN cable to PSTN port at the rear panel (port 'E' in below figure).

③ Connect the power cable and check if "CLIPCOMM A101" logo appears in the LCD.

1.2. BS-A101 Network Configuration

By default, BS-A101 operates in the DHCP mode.

Case 1) If your network supports the DHCP mode, no further setting is required.

Case 2) If your network does not support the DHCP mode, configure the static network parameters : Press buttons: menu ➡ 3(Phone Mgmt) ➡ 1(Network Config) ➡ 2(Static IP) and put in IP, Gateway, and DNS address and Netmask. Restart the phone.

Case 3) If your network is ADSL mode, enter your ADSL ID and password after entering menu ➡ 3(Phone Mgmt) ➡ 1(Network Config) ➡ 4(ADSL)

Chapter2. How to Use Bluetooth LAN Access Function (Pocket PC 2000 users only)

This chapter explains how to use the Bluetooth LAP function of the BS-A101 with PocketPC Bluetooth LAP program. In this guide, it is assumed that the BS-A101 is in its factory-reset state.

2.1. PocketPC LAP Program Installation

① PocketPC2000 with ActiveSync on the Desktop.

② Execute “BTSetup.exe”

2.2. PocketPC LAP Program Configuration

① Click “Start ➡Settings” in PDA’s main window

② Click “Connections ➡Modem ➡New Connection”

③ Enter a name for the connection: Input your connection name

④ Select a modem: Select “Modem through BT Serial Port”

⑤ BaudRate: Default value

⑥ Click “Next” button

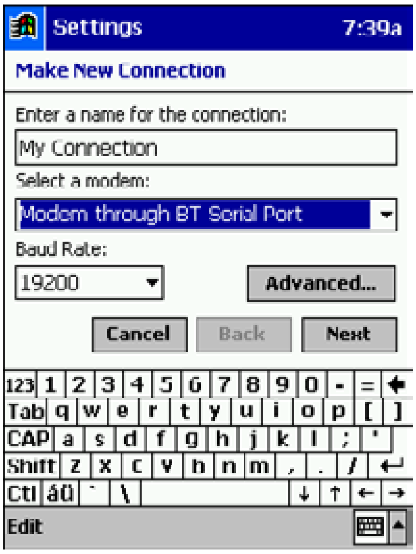
⑦ Country code: Input your country code or default value

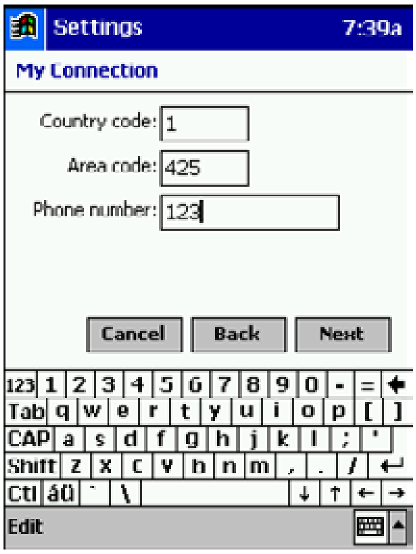
⑧ Area code: Input your area code or default value

⑨ Phone number: Input phone number

⑩ Click “Next” button

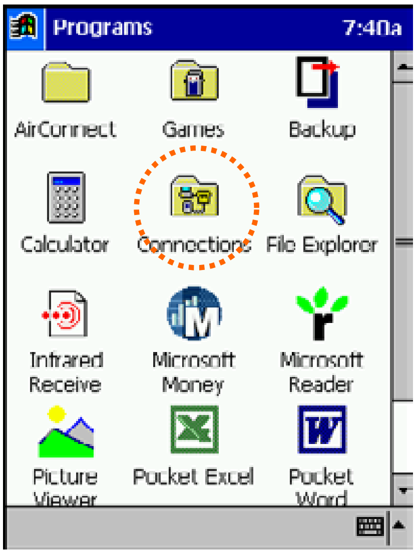
⑪ Click “Finish” button



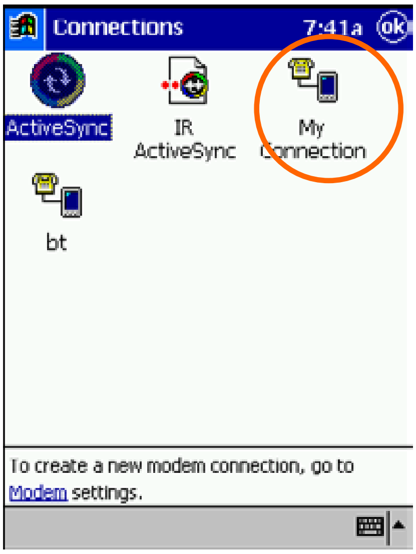


2.3. PocketPC LAP Program Usage

① Click “Start ➡ Programs ➡ Connections” in PDA’s main window



② Click your connection name and “**Connect**” button





③ Try to connect

④ Open “Search NeighborHood” window

⑤ Search the Bluetooth device by “Inquiry” button

⑥ Select Bluetooth device by inquiry list

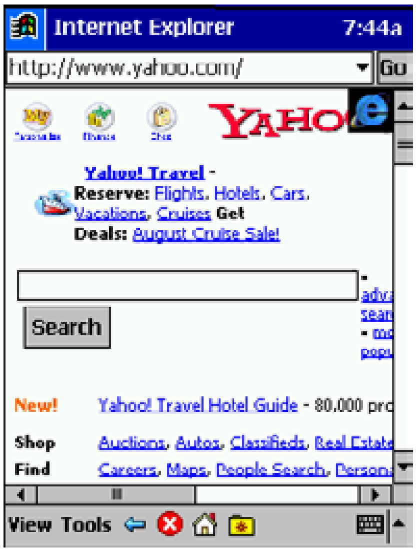
⑦ Click “Connect” button





⑧ When “**Connected**” window pops up, you can use the internet.


Connected to My Connect 7:43a
Connected to My Connection
My Connection
Status: Connected
Disconnect
Hide Status
To create a new modem connection, go to Modem settings.


Internet Explorer 7:44a
http://www.yahoo.com/
Go
Yahoo! Travel -
Reserve: Flights, Hotels, Cars,
Vacations, Cruises Get
Deals: August Cruise Sale!
Search
New!
Yahoo! Travel Hotel Guide - 80,000
Shop
Auctions, Autos, Classifieds,
Find
Careers, Maps, People Search,
View Tools

Chapter3. How to Use Bluetooth CTP Gateway Function

This chaper explains how to use the Bluetooth CTP Gateway function of the BS-A101. In this guide, it is assumed that the BS-A101 is in its factory-reset state. For more details of VoIP Phone function of the BS-A101, please refer to the CP-101B user manual.

3.1. BS-A101 VoIP (H.323) Setting

IP to IP call mode is supported as default. If you want to connect your BS-A101 to a Gatekeeper, please refer to the CP-101B user's guide for more detailed VoIP configuration.

3.2. Phonizer Installation

① Insert the CBT-CFA into your PocketPC.
② Excute 'setup.exe'.
③ Find Phonizer icon in Start bar after installing.
④ Configure Phonizer in the configuration window at your first trial of Phonizer
  iPAQ 36XX : COM4 / 115200
  iPAQ 3850 : COM4 / 115200
  iPAQ 3870 : COM5 / 115200
  iPAQ 39XX : COM6 / 115200
  iPAQ 54XX : COM4 / 115200
  Pocket LOOX : COM5 / 115200

[NOTE] There are three versions of Phonizer for each PocketPC version:

① Phonizer_PPC2000_PCM_install.exe: Phonizer for CBT-CFA on PocketPC2000
② Phonizer_PPC2002_PCM_install.exe: Phonizer for CFA on PocketPC2002
③ Phonizer_PPC2002_HCI_install.exe: Phonizer for CBT-CFS on PocketPC2002

Check the appropriate Phonizer version before installation

3.3. BS-A101 & Phonizer Operation

Phonizer is a Bluetooth CTP terminal while BS-A101 is a Bluetooth CTP gateway. Phonizer can make calls to (or accepts calls from) outer network through BS-A101.

3.3.1. Preparation

To make calls, Phonizer should find a BS-A101 and be in the connected state.

① Click 'Inquiry' button of Phonizer to find all the compatible devices

② Among the neighboring Bluetooth devices in inquiry window, select BS-A101 pushing 'Connect' button.

③ After successful connection to BS-A101, 'Input phone number' message will appear in the main window of Phonizer.

[NOTE] To find Bluetooth address of BS-A101, push buttons menu ➡ 5(Bluetooth) ➡ 1'(Current Config) ➡ 3 Bluetooth Addr (scroll down with 'VOL ▼ ' button)

3.3.2. PSTN call

Input phone number (by click numeric buttons of Phonizer) and click 'Send' button.

For example, if destination phone number is 5419082, input '5419082' to make PSTN call.

If your PSTN network is a PBX environment, input '9*5419082' to make a call to outer PSTN network.

3.3.3. VoIP call

By default, BS-A101 routes calls to PSTN interface. To make VoIP (H.323) call, input '*' before the destination address.

For example, if the destination IP address is 192.168.0.100, input '*192#168#0#100' to make a VoIP call. (*192.168.0.100 string will appear in the Phonizer window)

3.3.4. Ending phone calls

Click 'End' button to end a call.

Click 'Disconnect' button to close Bluetooth link between the Phonizer and BS-A101.

[Important Check Points before Phonizer-CFA evaluation]

The following items must be checked before starting Phonizer-CFA evaluation.

① Remove the power cable from your PDA and make it sure that the PDA is off the cradle before the calling test.

② When the power is being fed to the PDA, the voice quality may be degraded due to 60Hz humming noise.

③ Ensure that the remained battery power level is over 80% during the call test.

④ Battery power level of 50% or below may cause the power failure of the Bluetooth module.

⑤ When the remained battery power level is 50~80%, some noise may occur during the call.

⑥ When you are using the PDAs, such as iPAQ3870, iPAQ3970, and iPAQ5450, with built-in Bluetooth or wireless LAN modules, make it sure to disable the built-in Bluetooth or wireless LAN module on the PDA. Otherwise the Phonizer-CFA software will try to communicate with the built-in Bluetooth or wireless LAN module instead of Clipcomm's Bluetooth CF card (CBT-CFA).

⑦ Insert CBT-CFA properly into the slot of expansion pack.

⑧ Please use only the earset provided by Clipcomm.

⑨ Insert the earset completely into the side hole of CBT-CFA card.

Chapter4. How to Use Bluetooth Headset Audio Gateway Function

This chapter explains how to use the Bluetooth Headset Audio Gateway function of the BS-A101. In this guide, it is assumed that the BS-A101 is in its factory-reset state. For more details of the VoIP Phone function of the BS-A101, please refer to the CP-101B user's manual.

4.1. BS-A101 VoIP (H.323) Setting

IP to IP call mode is supported as default. If you want to connect your BS-A101 to a Gatekeeper, please refer to the CP-101B user's guide for more detailed VoIP configuration.

4.2. BS-A101 & Headset Audio Gateway

BS-A101 has the Bluetooth Headset Audio Gateway Function. When an external call is received, BS-A101 will deliver the call to the headset. You can also make a call to recently placed number using the headset.

4.2.1. Registration of Your Headset to BS-A101

In order to use the headset audio gateway function, BS-A101 must have a registered headset.

① Set your headset at 'registration ready state' as explained in your headset manual

② Set your BS-A101's PIN code to be the same as the one in your headset (which is normally '0000' but you should consult with the user manual of your headset for its exact default PIN code)

③ Register your headset to your BS-A101 by pressing MENU ➡ 5 ➡ 5. Then, your BS-A101 begins inquiry procedure. After successful inquiry, select your headset's BD_ADDRESS (Bluetooth Device Address) from the list of found devices.

④ When you select one, 'pairing' process will be automatically performed.

⑤ If you do pairing again manually, connect to your headset by pressing MENU ➡ 5 ➡ 6. After this, 'pairing' process is performed and your headset sets the BS-A101 as its audio gateway. After successful pairing, you should press END and then all the pairing process completes.

4.2.2. Usage of Your Headset after Registration

1) Receiving Incoming Calls

When an incoming call arrives at your BS-A101, your headset also rings. You can receive the call by pressing a relevant button on your headset.

2) Placing Outgoing Calls

When you want to place an outgoing call using your headset, you can only make a phone call to the latest placed number by pressing a relevant button on your headset.

3) Release Calls

To release calls, you have only to press END button in your BS-A101 or headset's button.

4) Audio Connection Transfer

If you want to make conversation using your BS-A101 instead of the headset while you are using the headset, simply press SPEAKER button of your BS-A101. On the other hand, if you want to make conversation using your headset instead of your BS-A101, simply press headset's button.

BS-A101 supports
/ Bluetooth LAP
/ Bluetooth CTP Gateway
/ Bluetooth Headset Audio Gateway functions.

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